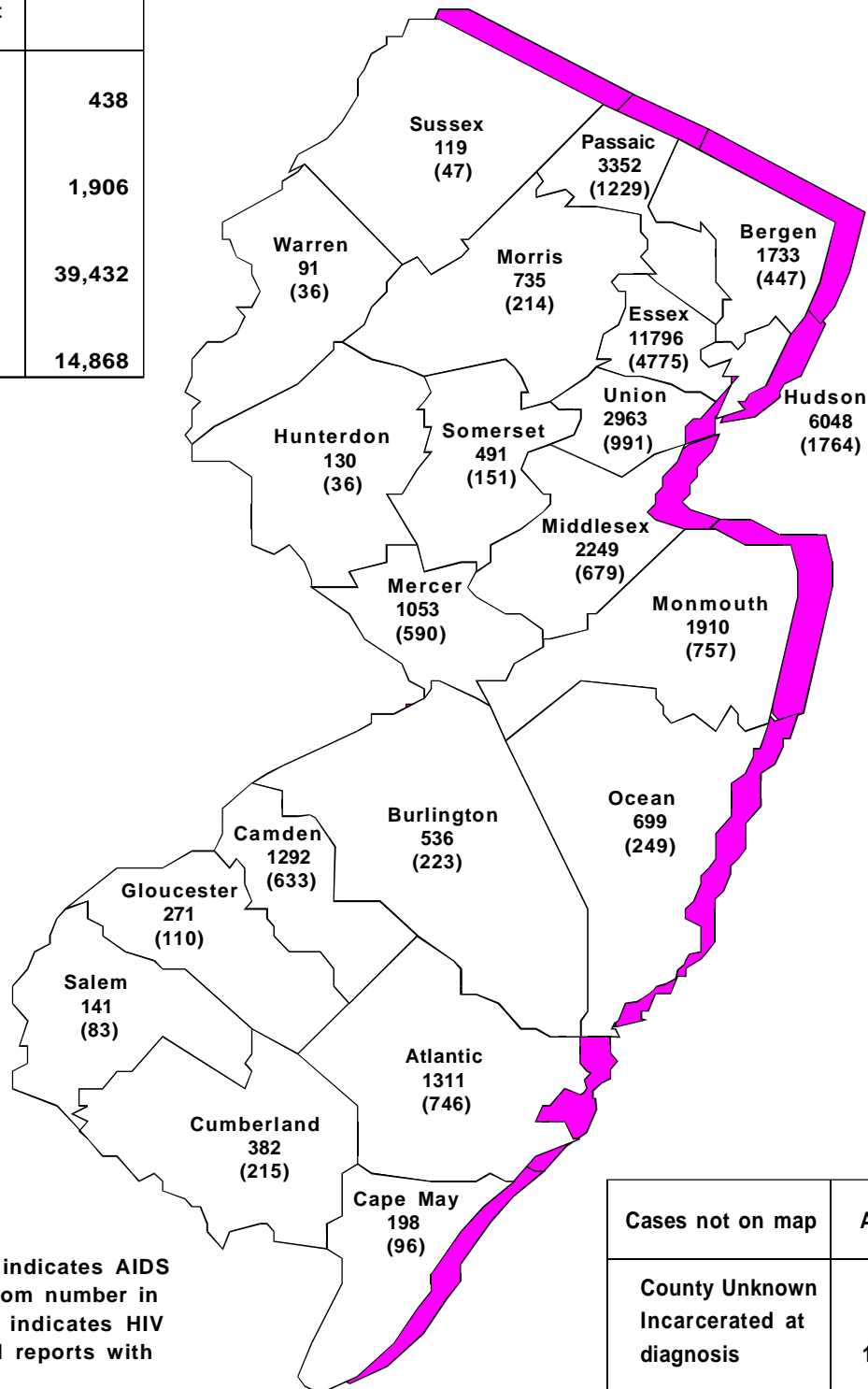


NEW JERSEY HIV/AIDS CASES

Reported as of December 31, 1999

HIV/AIDS Report Summary	
Current Quarter Increase-AIDS	438
Current Year Increase-AIDS	1,906
Cumulative Total AIDS	39,432
Cumulative Total HIV+ Only	14,868



Note: Top number indicates AIDS reports. Bottom number in parentheses indicates HIV unduplicated reports with identifiers.

Cases not on map	AIDS	HIV
County Unknown	31	46
Incarcerated at diagnosis	1,901	751

**Table 1. New Jersey AIDS Cases Reported January 1999-December 1999
and Cumulative Totals as of December 31, 1999
Age at Diagnosis, by Gender**

Age Group	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Age Group Totals
	Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
Under 5	7	1%	279	1%	8	1%	263	2%	15	1%	542	1%	49%
5-12	3	0%	83	0%	3	0%	93	1%	6	0%	176	0%	53%
13-19	3	0%	105	0%	7	1%	68	1%	10	1%	173	0%	39%
20-29	106	8%	3,590	13%	89	13%	2,016	18%	195	10%	5,606	14%	36%
30-39	465	36%	12,877	45%	271	40%	5,329	48%	736	37%	18,206	46%	29%
40-49	501	39%	8,310	29%	229	34%	2,472	22%	730	37%	10,782	27%	23%
Over 49	207	16%	3,102	11%	76	11%	845	8%	283	14%	3,947	10%	21%
Total	1,292	100%	28,346	100%	683	100%	11,086	100%	1,975	100%	39,432	100%	28%

**Table 2. AIDS Cases by State of Residence
Reported to CDC as of November 30, 1999**

STATE OF RESIDENCE	CUMULATIVE TOTAL SINCE JUNE 1981					
	Adult/Adolescent		Children		Total	
	No.	(%)	No.	(%)	No.	(%)
New York	132,909	18%	2,218	25%	135,127	19%
California	114,432	16%	585	7%	115,017	16%
Florida	73,788	10%	1,372	16%	75,160	10%
Texas	50,959	7%	369	4%	51,328	7%
New Jersey	39,373	5%	735	8%	40,108	5%
Puerto Rico	23,094	3%	387	4%	23,481	3%
Illinois	22,749	3%	258	3%	23,007	3%
Pennsylvania	22,487	3%	309	4%	22,796	3%
Georgia	21,401	3%	200	2%	21,601	3%
Maryland	19,752	3%	297	3%	20,049	3%
Remainder of US	199,721	28%	1,973	23%	201,694	28%
Total	720,665	100%	8,703	100%	729,368	100%

**Table 3. Deaths Among New Jersey Residents
Reported With AIDS, By Half Year of Death**

Half-Year of Death	Number	% Change
1996 Jan-Jun	1188	-
Jul-Dec	945	-20%
1997 Jan-Jun	714	-24%
Jul-Dec	632	-11%
1998 Jan-Jun	533	-16%
Jul-Dec	483	-9%
1999 Jan-Jun*	501	4%

*Preliminary data, mortality reporting not complete

**Table 4. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1999-December 1999
and Cumulative Totals as of December 31, 1999
Mode of Transmission by Gender**

Mode of Transmission (2)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1999-Dec. 1999		Cumulative Total		Jan. 1999-Dec. 1999		Cumulative Total		Jan. 1999-Dec. 1999		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (3)	267	21%	7,909	28%	0	0%	0	0%	267	14%	7,909	20%	0%
IDU (3)	429	33%	13,161	47%	199	30%	5,206	49%	628	32%	18,367	47%	28%
MSM/IDU	26	2%	1,499	5%	0	0%	0	0%	26	1%	1,499	4%	0%
Hemophilia	3	0%	169	1%	0	0%	2	0%	3	0%	171	0%	1%
Heterosexual	137	11%	1,665	6%	200	30%	3,508	33%	337	17%	5,173	13%	68%
Transfusion	9	1%	229	1%	12	2%	244	2%	21	1%	473	1%	52%
Other/Unknown	411	32%	3,352	12%	261	39%	1,770	16%	672	34%	5,122	13%	35%
Total	1,282	100%	27,984	100%	672	100%	10,730	100%	1,954	100%	38,714	100%	28%
(1) Includes all patients 13 years of age or older at time of diagnosis.													
(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.													
(3) MSM = Male sex with male. IDU = Injection drug use.													

**Table 5. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1999-December 1999
and Cumulative Totals as of December 31, 1999
Adjusted (2) Mode of Transmission by Gender**

Mode of Transmission (3)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (4)	458	36%	9,462	34%	0	0%	0	0%	458	23%	9,462	24%	0%
IDU (4)	565	44%	14,266	51%	275	41%	5,724	53%	840	43%	19,990	52%	29%
MSM/IDU	42	3%	1,628	6%	0	0%	0	0%	42	2%	1,628	4%	0%
Heterosexual	185	14%	2,054	7%	356	53%	4,567	43%	541	28%	6,621	17%	69%
Blood Related	22	2%	479	2%	31	5%	374	3%	53	3%	853	2%	44%
Others	11	1%	95	0%	9	1%	63	1%	20	1%	158	0%	40%
Total (2)	1,283	100%	27,984	100%	671	100%	10,728	100%	1,954	100%	38,712	100%	28%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted modes of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

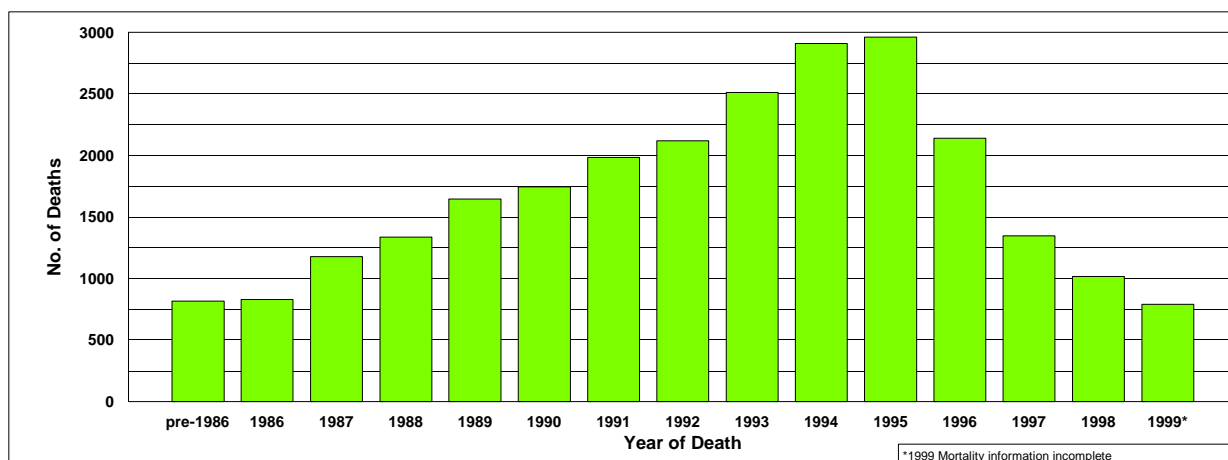
(4) MSM = Male sex with male. IDU = Injection drug use.

**Table 6. New Jersey Pediatric (1) Cases of AIDS by Mode of Transmission
Data as of December 31, 1999**

Mode of Transmission (2)	MALE		FEMALE		TOTAL	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	11	3%	0	0%	11	2%
Mother With/At Risk of AIDS (3)	339	94%	340	96%	679	95%
Transfusion/Blood Components	9	2%	8	2%	17	2%
Other/Unknown	3	1%	8	2%	11	2%
Total	362	100%	356	100%	718	100%

(1) Includes all patients under 13 years of age at time of diagnosis.
 (2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.
 (3) Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

**Figure 1. New Jersey AIDS Deaths by Year
Cumulative Data as of December 31, 1999**



**Table 7. New Jersey Adult/Adolescent (1) AIDS Cases
Mode of Transmission by Gender and Racial/Ethnic Group,
Cumulative Data as of December 31, 1999**

Mode of Transmission (2)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	4,048	47%	2,537	18%	1,272	26%	0	0%	0	0%	0	0%
IDU	2,799	33%	8,092	56%	2,240	47%	1,065	51%	3,582	51%	543	36%
MSM/IDU	459	5%	788	5%	247	5%	0	0%	0	0%	0	0%
Hemophilia	118	1%	27	0%	21	0%	2	0%	0	0%	0	0%
Heterosexual	284	3%	1,031	7%	337	7%	619	30%	2,191	31%	685	45%
Transfusion	135	2%	63	0%	25	1%	96	5%	113	2%	29	2%
Other/Unknown	727	8%	1,916	13%	660	14%	314	15%	1,193	17%	249	17%
Total	8,570	100%	14,454	100%	4,802	100%	2,096	100%	7,079	100%	1,506	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 8. New Jersey Adult/Adolescent (1) AIDS Cases
Adjusted (2) Mode of Transmission by Gender and Racial/Ethnic Group
Cumulative Data as of December 31, 1999**

Mode of Transmission (3)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	4,474	52%	3,185	22%	1,495	31%	0	0%	0	0%	0	0%
IDU	2,947	34%	8,963	62%	2,540	53%	1,133	54%	4,021	57%	634	42%
MSM/IDU	482	6%	874	6%	277	6%	0	0%	0	0%	0	0%
Heterosexual	356	4%	1,286	9%	425	9%	811	39%	2,889	41%	829	55%
Blood Related	279	3%	112	1%	54	1%	132	6%	159	2%	39	3%
Others	31	0%	32	0%	11	0%	20	1%	10	0%	5	0%
Total (2)	8,569	100%	14,452	100%	4,802	100%	2,096	100%	7,079	100%	1,507	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 9. New Jersey AIDS Cases Reported January 1999-December 1999
Racial/Ethnic Group by Gender and Cumulative Totals
Data as of December 31, 1999**

Adults/ Adolescents (1)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	266	21%	8,570	31%	95	14%	2,096	20%	361	18%	10,666	28%	20%
Black	750	59%	14,454	52%	494	74%	7,079	66%	1,244	64%	21,533	56%	33%
Hispanic	254	20%	4,802	17%	82	12%	1,506	14%	336	17%	6,308	16%	24%
Asian/Pac. Isl.	7	1%	98	0%	1	0%	36	0%	8	0%	134	0%	27%
Other/Unknown	5	0%	60	0%	0	0%	13	0%	5	0%	73	0%	18%
Subtotal	1,282	100%	27,984	100%	672	100%	10,730	100%	1,954	100%	38,714	100%	28%
Known Dead	234	18%	18,532	66%	100	15%	6,320	59%	334	17%	24,852	64%	25%
Children (2)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		Jan. 1999- Dec. 1999		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	1	10%	59	16%	0	0%	57	16%	1	5%	116	16%	49%
Black	7	70%	230	64%	10	91%	237	67%	17	81%	467	65%	51%
Hispanic	2	20%	72	20%	1	9%	60	17%	3	14%	132	18%	45%
Other/Unknown	0	0%	1	0%	0	0%	2	1%	0	0%	3	0%	67%
Subtotal	10	100%	362	100%	11	100%	356	100%	21	100%	718	100%	50%
Known Dead	3	30%	238	66%	1	9%	226	63%	4	19%	464	65%	49%
Total Known Dead	237	18%	18,770	66%	101	15%	6,546	59%	338	17%	25,316	64%	26%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Includes all patients under 13 years of age at time of diagnosis.

Table 10. HIV Reports Received Through December 31, 1999

Anonymous Reports	1,251
Unduplicated Reports with Identifiers	<u>26,727</u>
Total Number of Reports	27,978
Reports with Identifiers	*****
Out of State Reports	452
Missing Data/Under Investigation	68
Changed to AIDS Classification	<u>11,339</u>
Number HIV Reports Included in Tables	***** *****

**Table 11. Persons Living with HIV Infection (not AIDS) and with AIDS, by New Jersey County
Cumulative Data as of December 31, 1999**

	Living with HIV (not AIDS)		Living with AIDS		Total	
County of Residence	No.	(%)	No.	(%)	No.	(%)
Atlantic	685	5%	573	4%	1,258	5%
Bergen	413	3%	607	4%	1,020	4%
Burlington	202	1%	178	1%	380	1%
Camden	587	4%	505	4%	1,092	4%
Cape May	86	1%	89	1%	175	1%
Cumberland	199	1%	175	1%	374	1%
Essex	4,243	31%	4,005	28%	8,248	30%
Gloucester	103	1%	96	1%	199	1%
Hudson	1,600	12%	2,051	15%	3,651	13%
Hunterdon	33	0%	45	0%	78	0%
Mercer	534	4%	413	3%	947	3%
Middlesex	628	5%	800	6%	1,428	5%
Monmouth	676	5%	681	5%	1,357	5%
Morris	202	1%	285	2%	487	2%
Ocean	213	2%	203	1%	416	2%
Passaic	1,119	8%	1,194	8%	2,313	8%
Salem	76	1%	61	0%	137	0%
Somerset	140	1%	196	1%	336	1%
Sussex	46	0%	44	0%	90	0%
Union	918	7%	1,121	8%	2,039	7%
Warren	35	0%	38	0%	73	0%
Incarcerated	705	5%	733	5%	1,438	5%
Unknown County	41	0%	23	0%	64	0%
Total	13,484	100%	14,116	100%	27,600	100%

**Table 12. New Jersey HIV Reports With Identifiers
Pediatric Reports (1), Distribution of Mode Of Transmission (2)
Cumulative Data as of December 31, 1999**

	Male		Female		Total	
Mode of Transmission	No.	(%)	No.	(%)	No.	(%)
Mother With/At Risk of AIDS (3)	790	99%	766	98%	1556	99%
Transfusion, Blood Components	1	0%	4	1%	5	0%
Other/Unknown	4	1%	9	1%	13	1%
Total	795	100%	779	100%	1,574	100%

(1) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from infected mother to her fetus or infant during the perinatal period.

New Jersey HIV Reports with Identifiers
Data as of December 31, 1999

Table 13. Racial/Ethnic Group by Gender

Race/Ethnicity	Adults/Adolescents (1)						Females as % of row total	Children (2)						Females as % of row total
	Male		Female		Total			Male		Female		Total		
	No.	(%)	No.	(%)	No.	(%)		No.	(%)	No.	(%)	No.	(%)	
White	1,742	21%	871	17%	2,613	20%	33%	90	11%	95	12%	185	12%	51%
Black	4,510	55%	3,301	64%	7,811	59%	42%	568	71%	556	71%	1124	71%	49%
Hispanic	1,683	21%	900	17%	2,583	19%	35%	132	17%	125	16%	257	16%	49%
Other/Unknown	192	2%	95	2%	287	2%	33%	5	1%	3	0%	8	1%	38%
Total	8,127	100%	5,167	100%	13,294	100%	39%	795	100%	779	100%	1,574	100%	49%

Table 14. Adult/Adolescent Reports, Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							
MSM	1,770	22%	0	0%	1,770	13%	0%
IDU	3,194	39%	1,836	36%	5,030	38%	37%
MSM/IDU	334	4%	0	0%	334	3%	0%
Hemophilia	32	0%	0	0%	32	0%	0%
Heterosexual	707	9%	1,636	32%	2,343	18%	70%
Transfusion	31	0%	56	1%	87	1%	64%
Other/Unknown	2,059	25%	1,639	32%	3,698	28%	44%
Total	8,127	100%	5,167	100%	13,294	100%	39%

Table 15. Adult/Adolescent Reports, Adjusted (4) Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							
MSM	2,730	34%	0	0%	2,730	21%	0%
IDU	3,877	48%	2,317	45%	6,194	47%	37%
MSM/IDU	414	5%	0	0%	414	3%	0%
Heterosexual	948	12%	2,620	51%	3,568	27%	73%
Blood Related	113	1%	177	3%	290	2%	61%
Other/Unknown	45	1%	53	1%	98	1%	54%
Total (4)	8,127	100%	5,167	100%	13,294	100%	39%

Table 16. Age at Diagnosis of HIV Infection

Age Group	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Under 5	771	9%	732	12%	1,503	10%
5-12	24	0%	47	1%	71	0%
13-19	101	1%	190	3%	291	2%
20-29	1,801	20%	1,645	28%	3,446	23%
30-39	3,575	40%	2,242	38%	5,817	39%
40-49	2,026	23%	821	14%	2,847	19%
50-59	478	5%	206	3%	684	5%
Over 60	145	2%	62	1%	207	1%
Unknown	1	0%	1	0%	2	0%
Total	8,922	100%	5,946	100%	14,868	100%

- (1) Includes all patients 13 years of age or older at time of the first positive HIV confirmatory test.
- (2) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).
- (3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.
- (4) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

Year End Summary - 1999

At the close of 1999, a total of 39,432 AIDS cases have been reported in New Jersey. In 1999, the number of AIDS case reports completed was 1,975, representing a 6% decline from 1998 when 2,100 case reports were filed. This past year marked the lowest increase in AIDS reports since 1992. Additionally, 14,868 unique HIV reports have been completed for persons who have not yet progressed to AIDS. Of these cases, 1,548 were reported in 1999. The number of HIV reports received in 1999 was lower than the prior year, in which 1,870 HIV reports were made. Currently, there are a total of 27,600 persons reported living with HIV/AIDS in New Jersey, a net increase of 1,362 persons from the 26,238 individuals known to be living with HIV/AIDS at the end of 1998. This number will continue to increase, as new persons are diagnosed and the number of deaths continue to decline.

Adjusted Mode of Transmission. Several tables (Tables 5, 8, 15) reflect adjustments in reported transmission category. The proportions in the corresponding standard tables (Tables 4, 7, 14) can be misleading due to the larger numbers of unreported transmission categories. The adjusted tables provide a better picture of actual transmission patterns and provide information for prevention and education efforts. Because of small cell sizes and unstable estimates, the Blood Related category combines both the Hemophilia and Transfusion categories.

Please Note: The Centers for Disease Control and Prevention (CDC) has expanded the case definitions for adult and pediatric HIV infection effective January 1, 2000. ("CDC Guidelines for National HIV Case Surveillance, Including Monitoring for HIV Infection and AIDS," **MMWR 1999, 48, No. RR-13**). The 2000 case definition for HIV infection includes viral load tests that did not exist when the AIDS case definition was revised in 1993. The pediatric HIV case surveillance definition includes criteria for monitoring all children with perinatal exposures to HIV and reflect recent advances in diagnostic approaches that permit the diagnosis of HIV during the first months of life. We are proposing related changes to our reporting regulations (N.J.A.C. 8:57-2), which should be published in the New Jersey Register within the next two months for public comment.

- ❏ Visit the N.J. Department of Health and Senior Services WEB Site: www.state.nj.us/health
- ❏ To be added to our mailing list or for other requests, contact us at 609-984-5980 or aids@doh.state.nj.us
- ❏ Questions? New Jersey HIV/AIDS HOTLINE: 1-800-624-2377